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ANALYTICAL REPORT

PREPARED FOR

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NAVFAC Hawaii Environmental Svcs Lab
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Generated 12/14/2025 10:48:00 PM

JOB DESCRIPTION

MCBH Kaneohe

JOB NUMBER

810-174817-1

Eurofins Eaton Analytical South Bend

Job Notes

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Authorization



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Definitions/Glossary

Client: NAVFAC Hawaii Environmental Svcs Lab
Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NAVFAC Hawaii Environmental Svcs Lab
Project: MCBH Kaneohe

Job ID: 810-174817-1

Job ID: 810-174817-1

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Job Narrative 810-174817-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/10/2025 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

PFAS

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: 26-00864, MCBH BLDG 1296, TP001 (810-174817-1) and (810-174817-A-1 DU)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: NAVFAC Hawaii Environmental Svcs Lab
Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Client Sample ID: 26-00864, MCBH BLDG 1296, TP001
PWSID Number: HI0000356

Lab Sample ID: 810-174817-1

No Detections.

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This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Client Sample ID: 26-00864, MCBH BLDG 1296, TP001

Lab Sample ID: 810-174817-1

Date Collected: 12/08/25 07:05

Matrix: Drinking Water

Date Received: 12/10/25 09:45

PWSID Number: HI0000356

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluoropentanoic acid (PFPeA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluorohexanoic acid (PFHxA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluoroheptanoic acid (PFHpA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluorooctanoic acid (PFOA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluorononanoic acid (PFNA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluorodecanoic acid (PFDA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluoroundecanoic acid (PFUnA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluorododecanoic acid (PFDoA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluorobutanesulfonic acid (PFBS)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluoropentanesulfonic acid (PFPeS)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluorohexanesulfonic acid (PFHxS)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluoroheptanesulfonic acid (PFHpS)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluorooctanesulfonic acid (PFOS)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<1.9		1.9	ng/L		12/11/25 07:43	12/11/25 19:43	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	101		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C5 PFPeA	102		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C5 PFHxA	97		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C4 PFHpA	100		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C8 PFOA	99		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C9 PFNA	101		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C6 PFDA	98		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C7 PFUnA	94		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C2 PFDoA	94		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C3 HFPO-DA	96		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C3 PFBS	101		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C8 PFOS	100		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C2-4:2-FTS	92		50 - 200	12/11/25 07:43	12/11/25 19:43	1

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Client Sample Results

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Client Sample ID: 26-00864, MCBH BLDG 1296, TP001

Lab Sample ID: 810-174817-1

Date Collected: 12/08/25 07:05

Matrix: Drinking Water

Date Received: 12/10/25 09:45

PWSID Number: HI0000356

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-6:2-FTS	95		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C2-8:2-FTS	99		50 - 200	12/11/25 07:43	12/11/25 19:43	1
13C3 PFHxS	101		50 - 200	12/11/25 07:43	12/11/25 19:43	1

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorohexanoic acid (PFHxA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorooctanoic acid (PFOA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorononanoic acid (PFNA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorotetradecanoic acid (PFTeDA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Perfluorotridecanoic acid (PFTrDA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0	ng/L		12/11/25 07:10	12/12/25 11:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	98		70 - 130	12/11/25 07:10	12/12/25 11:46	1
13C2 PFDA	97		70 - 130	12/11/25 07:10	12/12/25 11:46	1
13C3 HFPO-DA	98		70 - 130	12/11/25 07:10	12/12/25 11:46	1
d5-NEtFOSAA	94		70 - 130	12/11/25 07:10	12/12/25 11:46	1

Surrogate Summary

Client: NAVFAC Hawaii Environmental Svcs Lab
Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFHxA	PFDA	HFPODA	d5NEFOS
		(70-130)	(70-130)	(70-130)	(70-130)
810-174817-1	26-00864, MCBH BLDG 1296, TPOC	98	97	98	94
LCS 810-172759/3-A	Lab Control Sample	97	95	99	90
LLCS 810-172759/2-A	Lab Control Sample	102	97	99	93
MBL 810-172759/1-A	Method Blank	108	105	107	103

Surrogate Legend

PFHxA = 13C2 PFHxA

PFDA = 13C2 PFDA

HFPODA = 13C3 HFPO-DA

d5NEFOS = d5-NEtFOSAA

Isotope Dilution Summary

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Drinking Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (50-200)	PFPeA (50-200)	13C5PHA (50-200)	C4PFHA (50-200)	C8PFOA (50-200)	C9PFNA (50-200)	C6PFDA (50-200)	13C7PUA (50-200)
810-174817-1	26-00864, MCBH BLDG 1296, TP00	101	102	97	100	99	101	98	94
810-174817-1 DU	26-00864, MCBH BLDG 1296, TP001	100	101	97	98	100	102	102	97
LLCS 810-172761/2-A	Lab Control Sample	100	102	98	100	100	103	98	94
MBL 810-172761/1-A	Method Blank	98	100	95	97	97	98	95	92

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFD _o A (50-200)	HFPODA (50-200)	C3PFBS (50-200)	C8PFOS (50-200)	42FTS (50-200)	62FTS (50-200)	82FTS (50-200)	C3PFHS (50-200)
810-174817-1	26-00864, MCBH BLDG 1296, TP00	94	96	101	100	92	95	99	101
810-174817-1 DU	26-00864, MCBH BLDG 1296, TP001	96	96	98	98	91	92	98	97
LLCS 810-172761/2-A	Lab Control Sample	96	98	99	99	90	96	102	98
MBL 810-172761/1-A	Method Blank	90	94	99	97	90	90	98	97

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- 13C5PHA = 13C5 PFHxA
- C4PFHA = 13C4 PFHpA
- C8PFOA = 13C8 PFOA
- C9PFNA = 13C9 PFNA
- C6PFDA = 13C6 PFDA
- 13C7PUA = 13C7 PFUnA
- PFD_oA = 13C2 PFD_oA
- HFPODA = 13C3 HFPO-DA
- C3PFBS = 13C3 PFBS
- C8PFOS = 13C8 PFOS
- 42FTS = 13C2-4:2-FTS
- 62FTS = 13C2-6:2-FTS
- 82FTS = 13C2-8:2-FTS
- C3PFHS = 13C3 PFHxS

QC Sample Results

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MBL 810-172761/1-A
Matrix: Drinking Water
Analysis Batch: 172883

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172761

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.52		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluorononanoic acid (PFNA)	<0.73		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.97		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.82		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.65		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.93		2.0	ng/L		12/11/25 07:43	12/11/25 18:41	1

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	98		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C5 PFPeA	100		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C5 PFHxA	95		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C4 PFHpA	97		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C8 PFOA	97		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C9 PFNA	98		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C6 PFDA	95		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C7 PFUnA	92		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C2 PFDoA	90		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C3 HFPO-DA	94		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C3 PFBS	99		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C8 PFOS	97		50 - 200	12/11/25 07:43	12/11/25 18:41	1

Eurofins Eaton Analytical South Bend

QC Sample Results

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-172761/1-A
Matrix: Drinking Water
Analysis Batch: 172883

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172761

Isotope Dilution	MBL MBL		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C2-4:2-FTS	90		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C2-6:2-FTS	90		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C2-8:2-FTS	98		50 - 200	12/11/25 07:43	12/11/25 18:41	1
13C3 PFHxS	97		50 - 200	12/11/25 07:43	12/11/25 18:41	1

Lab Sample ID: LLCS 810-172761/2-A
Matrix: Drinking Water
Analysis Batch: 172883

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172761

Analyte	Spike Added	LLCS LLCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Perfluorobutanoic acid (PFBA)	2.00	1.84	J	ng/L		92	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.81	J	ng/L		91	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.81	J	ng/L		91	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.86	J	ng/L		93	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.80	J	ng/L		90	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.76	J	ng/L		88	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.94	J	ng/L		97	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.98	J	ng/L		99	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.98	J	ng/L		99	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.60	J	ng/L		90	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.51	J	ng/L		80	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.60	J	ng/L		88	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.64	J	ng/L		86	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.61	J	ng/L		87	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	1.78	1.65	J	ng/L		93	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.80	J	ng/L		96	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.83	J	ng/L		96	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.73	J	ng/L		90	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.84	J	ng/L		92	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.70	J	ng/L		90	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.72	J	ng/L		92	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.68	J	ng/L		89	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	1.83	J	ng/L		91	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.75	J	ng/L		88	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	1.93	J	ng/L		96	50 - 150

QC Sample Results

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LLCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	100		50 - 200
13C5 PFPeA	102		50 - 200
13C5 PFHxA	98		50 - 200
13C4 PFHpA	100		50 - 200
13C8 PFOA	100		50 - 200
13C9 PFNA	103		50 - 200
13C6 PFDA	98		50 - 200
13C7 PFUnA	94		50 - 200
13C2 PFDoA	96		50 - 200
13C3 HFPO-DA	98		50 - 200
13C3 PFBS	99		50 - 200
13C8 PFOS	99		50 - 200
13C2-4:2-FTS	90		50 - 200
13C2-6:2-FTS	96		50 - 200
13C2-8:2-FTS	102		50 - 200
13C3 PFHxS	98		50 - 200

Lab Sample ID: 810-174817-1 DU

Matrix: Drinking Water

Analysis Batch: 172883

Client Sample ID: 26-00864, MCBH BLDG 1296, TP001

Prep Type: Total/NA

Prep Batch: 172761

Analyte	Sample Result	Sample Qualifier	DU	DU	Unit	D	RPD	Limit
			Result	Qualifier				
Perfluorobutanoic acid (PFBA)	<1.9		<1.9		ng/L		NC	30
Perfluoropentanoic acid (PFPeA)	<1.9		<1.9		ng/L		NC	30
Perfluorohexanoic acid (PFHxA)	<1.9		<1.9		ng/L		NC	30
Perfluoroheptanoic acid (PFHpA)	<1.9		<1.9		ng/L		NC	30
Perfluorooctanoic acid (PFOA)	<1.9		<1.9		ng/L		NC	30
Perfluorononanoic acid (PFNA)	<1.9		<1.9		ng/L		NC	30
Perfluorodecanoic acid (PFDA)	<1.9		<1.9		ng/L		NC	30
Perfluoroundecanoic acid (PFUnA)	<1.9		<1.9		ng/L		NC	30
Perfluorododecanoic acid (PFDoA)	<1.9		<1.9		ng/L		NC	30
Perfluorobutanesulfonic acid (PFBS)	<1.9		<1.9		ng/L		NC	30
Perfluoropentanesulfonic acid (PFPeS)	<1.9		<1.9		ng/L		NC	30
Perfluorohexanesulfonic acid (PFHxS)	<1.9		<1.9		ng/L		NC	30
Perfluoroheptanesulfonic acid (PFHpS)	<1.9		<1.9		ng/L		NC	30
Perfluorooctanesulfonic acid (PFOS)	<1.9		<1.9		ng/L		NC	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<1.9		<1.9		ng/L		NC	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.9		<1.9		ng/L		NC	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.9		<1.9		ng/L		NC	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.9		<1.9		ng/L		NC	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<1.9		<1.9		ng/L		NC	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<1.9		<1.9		ng/L		NC	30

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QC Sample Results

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-174817-1 DU

Matrix: Drinking Water

Analysis Batch: 172883

Client Sample ID: 26-00864, MCBH BLDG 1296, TP001

Prep Type: Total/NA

Prep Batch: 172761

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
9-Chlorohexadecafluoro-3-oxan onane-1-sulfonic acid	<1.9		<1.9		ng/L		NC	30
11-Chloroeicosfluoro-3-oxaund ecane-1-sulfonic acid	<1.9		<1.9		ng/L		NC	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	<1.9		<1.9		ng/L		NC	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<1.9		<1.9		ng/L		NC	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<1.9		<1.9		ng/L		NC	30

Isotope Dilution	DU	DU	Limits
	%Recovery	Qualifier	
13C4 PFBA	100		50 - 200
13C5 PFPeA	101		50 - 200
13C5 PFHxA	97		50 - 200
13C4 PFHpA	98		50 - 200
13C8 PFOA	100		50 - 200
13C9 PFNA	102		50 - 200
13C6 PFDA	102		50 - 200
13C7 PFUnA	97		50 - 200
13C2 PFDoA	96		50 - 200
13C3 HFPO-DA	96		50 - 200
13C3 PFBS	98		50 - 200
13C8 PFOS	98		50 - 200
13C2-4:2-FTS	91		50 - 200
13C2-6:2-FTS	92		50 - 200
13C2-8:2-FTS	98		50 - 200
13C3 PFHxS	97		50 - 200

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Lab Sample ID: MBL 810-172759/1-A

Matrix: Drinking Water

Analysis Batch: 172896

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 172759

Analyte	MBL	MBL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluoroundecanoic acid (PFUnA)	<0.63		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorohexanoic acid (PFHxA)	<0.63		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorododecanoic acid (PFDoA)	<0.63		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorooctanoic acid (PFOA)	<0.50		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorodecanoic acid (PFDA)	<0.60		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.44		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorobutanesulfonic acid (PFBS)	<0.71		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluoroheptanoic acid (PFHpA)	<0.52		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorononanoic acid (PFNA)	<0.48		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorotetradecanoic acid (PFTeDA)	<0.65		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Perfluorotridecanoic acid (PFTrDA)	<0.60		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA)	<0.62		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1

Eurofins Eaton Analytical South Bend

QC Sample Results

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020 (Continued)

Lab Sample ID: MBL 810-172759/1-A

Matrix: Drinking Water

Analysis Batch: 172896

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 172759

Analyte	MBL	MBL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.65		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.62		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.28		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.64		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.49		2.0	ng/L		12/11/25 07:10	12/12/25 08:27	1

Surrogate	MBL	MBL	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C2 PFHxA	108		70 - 130	12/11/25 07:10	12/12/25 08:27	1
13C2 PFDA	105		70 - 130	12/11/25 07:10	12/12/25 08:27	1
13C3 HFPO-DA	107		70 - 130	12/11/25 07:10	12/12/25 08:27	1
d5-NEtFOSAA	103		70 - 130	12/11/25 07:10	12/12/25 08:27	1

Lab Sample ID: LCS 810-172759/3-A

Matrix: Drinking Water

Analysis Batch: 172896

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 172759

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Perfluorooctanesulfonic acid (PFOS)	185	167		ng/L		90	70 - 130
Perfluoroundecanoic acid (PFUnA)	200	178		ng/L		89	70 - 130
Perfluorohexanoic acid (PFHxA)	200	184		ng/L		92	70 - 130
Perfluorododecanoic acid (PFDoA)	200	173		ng/L		86	70 - 130
Perfluorooctanoic acid (PFOA)	200	184		ng/L		92	70 - 130
Perfluorodecanoic acid (PFDA)	200	177		ng/L		88	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	183	168		ng/L		92	70 - 130
Perfluorobutanesulfonic acid (PFBS)	177	167		ng/L		94	70 - 130
Perfluoroheptanoic acid (PFHpA)	200	187		ng/L		93	70 - 130
Perfluorononanoic acid (PFNA)	200	179		ng/L		90	70 - 130
Perfluorotetradecanoic acid (PFTeDA)	200	173		ng/L		86	70 - 130
Perfluorotridecanoic acid (PFTrDA)	200	171		ng/L		86	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	200	181		ng/L		90	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	200	180		ng/L		90	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	200	187		ng/L		94	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	187	176		ng/L		94	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	189	171		ng/L		90	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	189	165		ng/L		87	70 - 130

Eurofins Eaton Analytical South Bend

QC Sample Results

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020 (Continued)

Surrogate	LCS		Limits
	%Recovery	Qualifier	
13C2 PFHxA	97		70 - 130
13C2 PFDA	95		70 - 130
13C3 HFPO-DA	99		70 - 130
d5-NEtFOSAA	90		70 - 130

Lab Sample ID: LLCS 810-172759/2-A
Matrix: Drinking Water
Analysis Batch: 172896

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172759

Analyte	Spike Added	LLCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Perfluorooctanesulfonic acid (PFOS)	1.85	1.60	J	ng/L		87	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.67	J	ng/L		83	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.87	J	ng/L		94	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.59	J	ng/L		79	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.73	J	ng/L		86	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.76	J	ng/L		88	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.55	J	ng/L		85	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.77	1.48	J	ng/L		84	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.93	J	ng/L		97	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.73	J	ng/L		86	50 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.00	1.54	J	ng/L		77	50 - 150
Perfluorotridecanoic acid (PFTrDA)	2.00	1.59	J	ng/L		79	50 - 150
N-methylperfluorooctanesulfonamide acetic acid (NMeFOSAA)	2.00	1.55	J	ng/L		77	50 - 150
N-ethylperfluorooctanesulfonamide acetic acid (NEtFOSAA)	2.00	1.69	J	ng/L		84	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.66	J	ng/L		83	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.47	J	ng/L		79	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.44	J	ng/L		76	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.59	J	ng/L		84	50 - 150

Surrogate	LLCS		Limits
	%Recovery	Qualifier	
13C2 PFHxA	102		70 - 130
13C2 PFDA	97		70 - 130
13C3 HFPO-DA	99		70 - 130
d5-NEtFOSAA	93		70 - 130

QC Association Summary

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

LCMS

Prep Batch: 172759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-174817-1	26-00864, MCBH BLDG 1296, TP001	Total/NA	Drinking Water	537.1 DW	
MBL 810-172759/1-A	Method Blank	Total/NA	Drinking Water	537.1 DW	
LCS 810-172759/3-A	Lab Control Sample	Total/NA	Drinking Water	537.1 DW	
LLCS 810-172759/2-A	Lab Control Sample	Total/NA	Drinking Water	537.1 DW	

Prep Batch: 172761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-174817-1	26-00864, MCBH BLDG 1296, TP001	Total/NA	Drinking Water	533	
MBL 810-172761/1-A	Method Blank	Total/NA	Drinking Water	533	
LLCS 810-172761/2-A	Lab Control Sample	Total/NA	Drinking Water	533	
810-174817-1 DU	26-00864, MCBH BLDG 1296, TP001	Total/NA	Drinking Water	533	

Analysis Batch: 172883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-174817-1	26-00864, MCBH BLDG 1296, TP001	Total/NA	Drinking Water	533	172761
MBL 810-172761/1-A	Method Blank	Total/NA	Drinking Water	533	172761
LLCS 810-172761/2-A	Lab Control Sample	Total/NA	Drinking Water	533	172761
810-174817-1 DU	26-00864, MCBH BLDG 1296, TP001	Total/NA	Drinking Water	533	172761

Analysis Batch: 172896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-174817-1	26-00864, MCBH BLDG 1296, TP001	Total/NA	Drinking Water	EPA 537.1 V2	172759
MBL 810-172759/1-A	Method Blank	Total/NA	Drinking Water	EPA 537.1 V2	172759
LCS 810-172759/3-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537.1 V2	172759
LLCS 810-172759/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537.1 V2	172759

Lab Chronicle

Client: NAVFAC Hawaii Environmental Svcs Lab
Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Client Sample ID: 26-00864, MCBH BLDG 1296, TP001

Lab Sample ID: 810-174817-1

Date Collected: 12/08/25 07:05

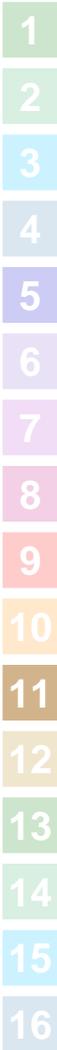
Matrix: Drinking Water

Date Received: 12/10/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			172761	ET	EA SB	12/11/25 07:43
Total/NA	Analysis	533		1	172883	MH	EA SB	12/11/25 19:43
Total/NA	Prep	537.1 DW			172759	FW	EA SB	12/11/25 07:10
Total/NA	Analysis	EPA 537.1 V2		1	172896	GL	EA SB	12/12/25 11:46

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



Accreditation/Certification Summary

Client: NAVFAC Hawaii Environmental Svcs Lab
 Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Laboratory: Eurofins Eaton Analytical South Bend

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5794.01	07-31-26
Hawaii	State	IN035	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
533	533	Drinking Water	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid
533	533	Drinking Water	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)
533	533	Drinking Water	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)
533	533	Drinking Water	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)
533	533	Drinking Water	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
533	533	Drinking Water	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
533	533	Drinking Water	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
533	533	Drinking Water	Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)
533	533	Drinking Water	Perfluoro-3-methoxypropanoic acid (PFMPA)
533	533	Drinking Water	Perfluoro-4-methoxybutanoic acid (PFMBA)
533	533	Drinking Water	Perfluorobutanoic acid (PFBA)
533	533	Drinking Water	Perfluorodecanoic acid (PFDA)
533	533	Drinking Water	Perfluorododecanoic acid (PFDoA)
533	533	Drinking Water	Perfluoroheptanesulfonic acid (PFHpS)
533	533	Drinking Water	Perfluoroheptanoic acid (PFHpA)
533	533	Drinking Water	Perfluorohexanoic acid (PFHxA)
533	533	Drinking Water	Perfluoropentanesulfonic acid (PFPeS)
533	533	Drinking Water	Perfluoropentanoic acid (PFPeA)
533	533	Drinking Water	Perfluoroundecanoic acid (PFUnA)
EPA 537.1 V2	537.1 DW	Drinking Water	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid
EPA 537.1 V2	537.1 DW	Drinking Water	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
EPA 537.1 V2	537.1 DW	Drinking Water	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
EPA 537.1 V2	537.1 DW	Drinking Water	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)
EPA 537.1 V2	537.1 DW	Drinking Water	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)
EPA 537.1 V2	537.1 DW	Drinking Water	Perfluorodecanoic acid (PFDA)
EPA 537.1 V2	537.1 DW	Drinking Water	Perfluorododecanoic acid (PFDoA)
EPA 537.1 V2	537.1 DW	Drinking Water	Perfluoroheptanoic acid (PFHpA)
EPA 537.1 V2	537.1 DW	Drinking Water	Perfluorohexanoic acid (PFHxA)
EPA 537.1 V2	537.1 DW	Drinking Water	Perfluorotetradecanoic acid (PFTeDA)
EPA 537.1 V2	537.1 DW	Drinking Water	Perfluorotridecanoic acid (PFTrDA)
EPA 537.1 V2	537.1 DW	Drinking Water	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: NAVFAC Hawaii Environmental Svcs Lab
Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

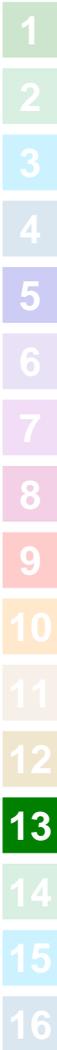
Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA SB
EPA 537.1 V2	EPA 537.1 Ver. 2.0 March 2020	EPA	EA SB
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA SB
537.1 DW	Extraction of Perfluorinated Alkyl Acids	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



Sample Summary

Client: NAVFAC Hawaii Environmental Svcs Lab
Project/Site: MCBH Kaneohe

Job ID: 810-174817-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
810-174817-1	26-00864, MCBH BLDG 1296, TP001	Drinking Water	12/08/25 07:05	12/10/25 09:45	HI0000356

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

South Bend, IN 46617
Phone (574) 233-4777 Phon



Client Information

Client Contact: Duane Morita
Company: NAVFAC Hawaii Environmental Svcs Lab
Address: PR411 Bldg 1423 Central Avenue
City: JBPBH
State Zip: HI, 96860
Phone: (808) 474-3704
Email: duane.tmorita.civ@us.navy.mil

Sampler: Chlebowski, Traci
Phone: Traci.Chlebowski@eurofinsus.com
PWSID: HI0000356

Lab PM: Chlebowski, Traci
E-Mail: Traci.Chlebowski@eurofinsus.com

Carrier/Tracking No(s):
State of Origin: Hawaii

COC No: 810-62583-7383-1
Page: Page 1 of 1
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Yes No

Analysis Requested

Sample ID	Sample Date	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=soil, B=biomass, A=air)	Matrix
26-00864, MCBH BLDG 1296, TP001	12/8/25	G	Drinking Water	X
26-00865, Field Blank	12/8/25	0704	Field Blank	X
26-00866, Field Blank	12/8/25	0708	Field Blank	X

Sample ID	Sample Date	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=soil, B=biomass, A=air)	Matrix
537.1_DW_PREC - 537.1 PFC18				
533 - 533 Perfluorinated/Alkyl Substances				
537.1_DW_PREC - FRB 537.1				
533 - FRB 533				

Special Instructions/Note:
 Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Anichlor
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDA
 M - Hexane
 N - None
 O - AsNaO2
 P - Na2O4S
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecylhydrate
 U - Acetone
 V - MCAA
 W - pH 4-5
 Z - other (specify)
 Y - Trizma
 Z - Ammonium Acetate

Sample ID	Sample Date	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=soil, B=biomass, A=air)	Matrix	Analysis Requested	Carrier/Tracking No(s)	State of Origin	Page	Job #
26-00864, MCBH BLDG 1296, TP001	12/8/25	G	Drinking Water	X	537.1_DW_PREC - 537.1 PFC18		Hawaii	Page 1 of 1	
26-00865, Field Blank	12/8/25	0704	Field Blank	X	533 - 533 Perfluorinated/Alkyl Substances		Hawaii	Page 1 of 1	
26-00866, Field Blank	12/8/25	0708	Field Blank	X	537.1_DW_PREC - FRB 537.1		Hawaii	Page 1 of 1	
					533 - FRB 533		Hawaii	Page 1 of 1	

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:

Relinquished by: Duane Morita
 Date/Time: 08 Dec 2025 1200
 Company: NAVFAC Hawaii

Relinquished by: [Signature]
 Date/Time: [Blank]
 Company: [Blank]

Custody Seals Intact: Yes No
 Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Special Instructions/QC Requirements:
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Received by: [Signature]
 Date/Time: 12-0-2025 0445
 Company: BEA50

Received by: [Signature]
 Date/Time: [Blank]
 Company: [Blank]

Method of Shipment:

Input Temp: 24
 Corrected Temp: 3.1
 IR Gun #: 3.1

Login Sample Receipt Checklist

Client: NAVFAC Hawaii Environmental Svcs Lab

Job Number: 810-174817-1

Login Number: 174817

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Moore, Gary

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Were samples preserved to correct pH upon receipt, if applicable?	True	
Sample Preservative Verified	True	
Container provided by EEA	True	

